

DECLARATION OF PERFORMANCE

MEDITE VENT

Reference Number: **CEDOP15**

MEDITE EUROPE DAC

Redmondstown

Clonmel

County Tipperary

Ireland

| Product Type | AVCP* | Notified Body Reference |
|---|-------|-------------------------|
| Wood based panels for use as structural components in humid conditions | 2+ | 0050 |
| *Assessment and verification of constancy of performance system according to Annex V of regulation (EU) No 305/2011 | | |

Declared Performance

| Essential characteristics | Performance | Harmonised technical specification |
|--|-------------------------------|------------------------------------|
| Thickness Range (mm) | 12 - 20 | EN 13986:2004+A1:2015 |
| Bending strength (N/mm ²) | 13 | |
| Bending modulus (N/mm ²) | 1400 | |
| Internal bond (N/mm ²) | 0.30 | |
| Moisture Resistance (Option 2) Internal bond after boil test (N/mm ²) | 0.06 | |
| Thickness Swelling (24hrs) % | 10 | |
| Release of formaldehyde | E1 | |
| Reaction to fire | NPD | |
| Water vapour permeability μ Wet cup Dry cup | 8.4 9.1 | |
| Airborne sound insulation R (dB) (m_A = surface mass) | $R = 13 \cdot \log(m_A) + 14$ | |
| Sound absorption Frequency range 250Hz to 500Hz (α) | 0.10 | |
| Sound absorption Frequency range 1000Hz to 2000Hz (α) | 0.20 | |
| Thermal conductivity W/(m.K) | 0.08 | |
| Biological durability | Use Classes 1 and 2 | |
| Release (content) of pentachlorophenol (PCP) | ≤5ppm | |

| Essential characteristics | | Performance | | | | | Harmonised technical specification |
|--|---------------------|------------------|------------------|--------------------|-------------------|----------------------|------------------------------------|
| Strength and Stiffness for structural use | | NPD | | | | | EN 13986:2004+A1:2015 |
| Impact resistance for structural use | | NPD | | | | | |
| Strength and stiffness under point load for structural use | | NPD | | | | | |
| Mechanical durability (k_{mod}) | Load duration class | Permanent action | Long term action | Medium term action | Short term action | Instantaneous action | |
| | Service class 1 | 0.20 | 0.40 | 0.60 | 0.80 | 1.10 | |
| | Service class 2 | - | - | - | 0.45 | 0.80 | |
| Mechanical durability (k_{def}) | Service class 1 | 2.25 | | | | | |
| | Service class 2 | 3.00 | | | | | |
| Racking resistance (EN594:2011; 25kN vertical load) | | | | | | | |
| $F_{Rd,max,k}$ (kN) | | 15.42 | | | | | |
| R_{mean} (N/mm) | | 1160 | | | | | |
| Embedment strength | | NPD | | | | | |

The performance of the product identified is in conformity with the declared performance. This declaration of performance is issued under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:



Guillaume Coste. Structural Engineer.

Clonmel, Ireland. 27/01/23